



**ZEP MANUFACTURING COMPANY OF CANADA**  
LA COMPAGNIE ZEP DU CANADA  
**FIRST IN MAINTENANCE AND SANITATION**  
**PREMIERS EN ENTRETIEN ET ASSAINISSEMENT**

11627 - 178 Street  
Edmonton, Alberta T5S 1N6

## MATERIAL SAFETY DATA SHEET AND SAFE HANDLING AND DISPOSAL INFORMATION

ISSUE DATE: 18/06/03

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PRODUCT NAME: **ZEP-O-ZORB**  
PROD NO.: **2300** Oil and Spill Absorbent

### SECTION I - EMERGENCY CONTACTS

#### FOR PRODUCT INFORMATION:

Telephone: 1 (877) 428-9937 Between 8:00am-5:00pm (MST)

#### FOR A MEDICAL EMERGENCY: 24 Hour Service

Telephone CANUTEC: (Call Collect) (613) 996-6666

#### FOR A TRANSPORTATION EMERGENCY: 24 Hour Service

Telephone CANUTEC: (Call Collect) (613) 996-6666

### SECTION II - HAZARDOUS INGREDIENTS

#### DESIGNATIONS

\*\* CRYSTALLINE SILICA-QUARTZ \*\* silicon dioxide, flint, chalcedony; CAS# 14808-60-7; RTECS#

VV7330000; OSHA PEL- [10mg/m3]/%SiO<sub>2</sub> + 2; ACGIH TLV - 10mg/m<sup>3</sup>

LD50: SPECIES: ROUTE:

LC50: SPECIES: ROUTE:

\*\* CRYSTALLINE SILICA-CRISTOBALITE \*\* calcined diatomite; CAS# 14464-46-1, RTECS# VV7325000;

OSHA PEL/ACGIH TLV 0.05 mg/m<sup>3</sup>

LD50: mg/kg SPECIES: ROUTE:

LC50: mg/m<sup>3</sup> SPECIES: ROUTE:

TLV (PPM)	EFFECTS (SEE REVERSE)	% IN PROD.
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N/D	IRR CAR	0.1-1
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N/D	EIR CAR	0.1-1
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THE WHMIS CLASSIFICATION FOR THIS PRODUCT IS: D2A

### SECTION III - TOXICOLOGICAL DATA

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) so long as prescribed safety precautions are practiced.

#### ACUTE EFFECTS OF OVEREXPOSURE:

Abrasiveness of granular material may irritate eyes.

6

#### CHRONIC EFFECTS OF OVEREXPOSURE:

There are no known effects from chronic exposure to this product.

Long term exposure to crystalline silica (an ingredient also found in many mineral deposits, soils and sand) has been known to cause silicosis, a sometimes fatal lung disease, indicated by a dry cough and a gradual decrease in breathing ability.

NTP and IARC classify respirable crystalline silica as carcinogenic to humans when exposure levels exceed the PEL or TLV for extended periods of time.

PRIMARY ROUTES OF ENTRY: Inh.

HMIS CODES: HEALTH 1; FLAM. 0; REACT. 0; PERS. PROTECT. A ; CHRONIC HAZ. YES

#### FIRST AID PROCEDURES:

SKIN : Flush contaminated skin with plenty of water. Consult a physician if irritation develops.

EYES : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.

INHALE: Move victim to fresh air. Flush mouth and nasal passages with water repeatedly. Get medical attention if irritation persists.

INGEST: If this product is swallowed, do not induce vomiting. If individual is alert, give plenty of water to drink. Get medical attention at once.

### SECTION IV - SPECIAL PROTECTION INFORMATION

PROTECTIVE CLOTHING : No special measures are required.

EYE PROTECTION : Use of tight-fitting safety glasses or goggles is strongly recommended, especially when wearing contact lenses

RESPIRATORY PROTECTION: Use NIOSH-approved dust mask if dust is present.

VENTILATION : If dust is detected, ventilate work area by opening windows and using exhaust fans.

### SECTION V - PHYSICAL DATA

BOILING POINT (C): N/A

FREEZING POINT (C): N/D

VAPOR PRESSURE(mmHg): N/A

VAPOR DENSITY(AIR= 1): N/A

SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR : A LIGHT, TAN COLORED GRANULAR MATERIAL HAVING NO ODOR.

SPECIFIC GRAVITY: N/A

VOC CONTENT (CONCENTRATE): N/A

EVAPORATION RATE (N/A = 1): N/A

PH(CONCENTRATE): N/A

PH(USE DILUTION OF N/A): N/A

### SECTION VI - FIRE OR EXPLOSION HAZARDS

FLASH POINT(C) (METHOD USED) : N/A

FLAMMABLE LIMITS : LEL: N/A UEL: N/A

EXTINGUISHING MEDIA : Noncombustible.

FIRE FIGHTING : None

FIRE HAZARD : None

CONDITIONS OF FLAMMABILITY : None known

(Continued on Page: 2)

Product Number: 2300

## SECTION VI - FIRE OR EXPLOSION HAZARDS

## 2300 SECTION VI - FIRE OR EXPLOSION HAZARDS

AUTOIGNITION TEMPERATURE (C) : N/D

HAZARDOUS COMBUSTION PRODUCTS: None

EXPLOSION DATA : N/D

## SECTION VII - REACTIVITY DATA

STABILITY : Stable

INCOMPATIBILITY(AVOID) : None known

POLYMERIZATION : Will not occur.

HAZARDOUS DECOMPOSITION: None

## SECTION VIII - SPILL AND DISPOSAL PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spills are not expected due to the nature of the product. Unused product is non-hazardous. Unusable or contaminated product should be collected and stored in a suitable waste container.

## WASTE DISPOSAL METHOD:

Unused product is not hazardous. Used (saturated) product may often be incinerated (burned) as a proper disposal option. However, final disposal should be in accordance with local regulations governing the material absorbed.

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:

Keep product out of eyes.

Do not breathe dust.

Keep out of the reach of children.

## SECTION X - TRANSPORTATION DATA

TDG PROPER SHIPPING NAME: TDG, NON-REGULATED

TDG HAZARD CLASS: NA TDG PACKING GROUP: NA

TDG I.D. NUMBER : TDG LABEL/PLACARD: NA

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